Membership in the TRCC includes the following agencies:

- Indiana Criminal Justice Institute TSD
- Indiana State Police
- Indiana State Police CVED
- Indiana Department of Transportation
- Bureau of Motor Vehicles
- Department of Homeland Security
- Indiana State Department of Health
- Indiana Supreme Court (JTAC)
- Indiana State Coroners Association
- Indiana Prosecutors Association
- IUPUI Center for Urban Policy
- Riley Hospital for Children
- Indiana Department of Toxicology
- Indiana Department of Education
- Marion Co. Traffic Safety Partnership
- Indiana Law Enforcement Academy
- National Highway Transportation Safety Administration
- Federal Highway Administration
- Federal Motor Carrier Safety Admin.

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Indiana Criminal Justice Institute

Traffic Safety Division

The Evolution Of Traffic Records In Indiana

Mission Statement:
To create an integrated traffic records system through a collaboration of all local, state and federal entities responsible for motor vehicle safety

Traffic Records Coordinating Committee (TRCC)

The TRCC in Indiana has made a devoted effort to initiate improvements in the traffic records system. The TRCC meets monthly to discuss traffic records projects, presentations on improvements, and to receive recommendations from local, state, private, and federal members that comprise the TRCC.

Vision

It is the vision of the Traffic Records Coordinating Committee and traffic safety stakeholders to make Indiana's traffic records system a premier model in the nation. With the present cooperation taking place among stakeholders and law enforcement partners, continued success in improving traffic records is certain. Through the prioritization of the traffic records improvement projects, the technological advancements will continue in the traffic records system.

Future

The TRCC has the task of continually developing the traffic records system in the state of Indiana. Presently, the partnership that was formed will continue making progress toward the established goals. The ultimate task is to provide an environment that significantly reduces death, injury, and economic costs from traffic crashes on the highways of Indiana, providing safer roads for all motorists in Indiana.

TRCC Traffic Records Projects:

- **Hiring of the Traffic Records Coordinator:** The Coordinator promoted the improvements in traffic records that Indiana has realized. This person chairs the TRCC, and is the liaison between local, private, state, and federal entities, serving as the "champion" for improvements in the traffic records system.
- **Trauma Registry Data Program:** Analysis of data from reporting trauma centers will assist in improving care to patients with traumatic injuries. In addition, the hiring of an epidemiologist will contribute to the reporting of highway safety injury data.
- **Emergency Medical Services (EMS) Data Program:** The data obtained from EMS providers will improve the run reports to the registry. Data from EMS runs will be linked to the Trauma Registry, crash, and hospital discharge records. This will provide an improved linkage to the Indiana CODES project.
- **Mapping Analyst/Map Integration:** This project will integrate up to date shape files into the state crash mapping system. The back log of reports to be mapped will be eliminated. Better location data analysis will improve analysis in engineering and enforcement .
- **Coroners Data Submission Project**: County coroners were supplied with laptops, printer/fax, and the CoronerME software, to submit motor vehicle fatality information to our Fatal Analysis Reporting System (FARS)

"CONTINUED"

TRCC Traffic Records Projects:

• The Electronic Citation and Warning System : The ECWS program created by the Indiana Judicial Technology and Automation Committee will provide law enforcement officials the necessary tools to quickly and accurately capture the correct information on a traffic citation or warning. The program will also provide the ability to transmit electronically the citation information to all interested entities. Those parties include local, state, and federal levels that need this information for court, BMV purpose, and adjudication. This project will improve timeliness, accuracy, completeness, and integration on all levels.

ECWS Program Facts:
- Pilot went live July 1, 2007 with five law enforcement officers – their suggestions and input have helped refine the system.
- Eliminates handwritten tickets and the need for multiple agencies to enter the same information
- Enhances safety by reducing time spent at the roadside – we've been told by 50%
- Increases accuracy of information - barcode scanner pre-populates driver and vehicle information
- Improved, more up to date data thanks to electronic transfer
- eCWS is available to law enforcement agencies free of charge
- ISP and ISP CVED units deployed 01/01/2008.
- Monroe County LEA's piloting eCWS application.

ARIES Electronic Crash Reporting

In 2003, the eVCRS/Aries system was implemented in the state of Indiana. The lack of computers in police units, and the reluctance to change to a computer generated crash report were reasons for agencies to not participate. The submission rate of crash reports electronically as of December 31. 2005 was 32% versus a current rate of 98%. Listed below are reasons for the increase in the Indiana electronic crash submission rate which leads the Nation::

- Enforcement agencies were surveyed to determine their reporting and equipment needs.
- The ARIES/eVCRS program was provided to agencies, along with configuration assistance, regular upgrades, free Help Desk services.
- Visits by TSD and HSA staff to larger agencies increased program enrollment.
- Trainings were provided by TSD and HSA staff in ARIES/eVCRS at local agencies.
- Deployment of surplus ISP laptops to local agencies contributed to the increase enrollment into ARIES.
- Law enforcement liaisons recruited agencies to enroll in ARIES and to encourage timely submission.
- Electronic submission reduced operating and mailing cost and saved staff time.
- Bar Code scanning capability in ARIES enables the auto load of driver and vehicle information.
- The Easy Street draw program in ARIES eliminates hand drawing crash diagrams.

Electronic Crash Submission Rates

Month	Year	% Electronic
December	2005	32%
July	2006	64%
December	2006	58%
July	2007	84%
December	2007	90%
April	2008	**98%**

Mapping Percentage   83%

Submission Timeliness Goal
Receive 90% of all crash reports in the data repository with 5 days.

Year	Percentage
2004	7%
2005	26%
2006	37%
2007	61%
2008	77%
Last 30 days	**77%**

Publications

The Center for Criminal Justice Research at IUPUI has published crash statistic in Indiana for 2006 and 2007. These are : Crash Fact Book, Fact sheets on trucks, motorcycles, speeding, alcohol, children, young drivers, and county profiles. (including municipality report) These publications can be found at:

http://www.policyinstitute.iu.edu/criminal/

Click on "Traffic Safety"

Crash Report Data Quality

The increase in electronic submissions greatly reduced the number of data quality errors that occurred with paper submissions. Paper crash reports that were received in April and May of 2006 had a 40% error rate. Improvements have yielded a current 3% error rate. These improvements are due to the standardization of the data input and the immediate feedback given to the officer through ARIES. This system provides more complete, accurate, and timely data to NHTSA, FMCSA, FHA, INDOT, ICJI, ISP, etc. Better crash data allows more informed decision-making and makes Indiana more qualified to receive increased federal funding.

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